



*IFW receipt*  
**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial No.: 10/576,404

Filed: April 20, 2006

For: Extrusion Process for the Preparation of Toughness-Modified  
and Layered Silicate-Reinforced Thermoplastic Systems

Inventor: Jozsefne Karger-Kocsis, et al

Atty. Doc. No.: 080-06

**Certificate of Mailing**

I hereby certify that this  
correspondence is being deposited with  
the United States Post Office as first  
class mail postage prepaid in an  
envelope addressed to Commissioner  
for Patents, P.O. Box 1450, Alexandria,  
VA 22313-1450, on August 30, 2006

*John F. McNulty*  
John F. McNulty, Reg. No. 23,028  
Dated: August 30, 2006

**COVER LETTER WITH CERTIFICATE OF MAILING**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed herewith are the following:

- (1) Cover Letter with Certificate of Mailing;
- (2) Correction of filing receipt;
- (3) Copy of filing receipt;
- (4) Copy of Declaration;
- (5) Paul & Paul Postcard to be returned by the PTO.

THE COMMISSIONER IS HEREBY AUTHORIZED TO CHARGE ANY ADDITIONAL  
FEES ASSOCIATED WITH THIS COMMUNICATION, OR CREDIT ANY  
OVERPAYMENT, TO PAUL & PAUL DEPOSIT ACCOUNT NO. 16-0750, ORDER NO.

4199

Respectfully submitted,

*John F. McNulty*  
John F. McNulty  
Reg. No. 23,028  
Paul & Paul  
2900 Two Thousand Market St.  
Philadelphia, PA 19103  
(215) 568-4900



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial No.: 10/576,404  
Filed: April 20, 2006  
For: Extrusion Process for the Preparation of Toughness-Modified and Layered  
Silicate-Reinforced Thermoplastic Systems  
Inventor: Jozsefne Karger-Kocsis, et al  
Atty. Doc. No.: 080-06

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***REQUEST FOR CORRECTION OF FILING RECEIPT***

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Please correct the filing receipt for the above-referenced application as follows:

1. Please add the following inventor to the filing receipt:

Tapio Harmia

2. Please change the title of the invention to read:

Extrusion Process for the Preparation of Toughness-Modified and Layered  
Silicate-Reinforced Thermoplastic Systems

A photocopy of the filing receipt with changes indicated in red is included herewith.  
Also enclosed is a copy of the declaration as filed showing the second inventor.

Respectfully submitted,

John F. McNulty

Reg. No. 23,028

Paul & Paul

2900 Two Thousand Market St.

Philadelphia, PA 19103

(215) 568-490

JFM



DOCKETING

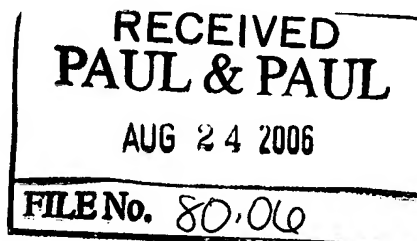
UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/576,404	04/20/2006	1714	1155	08006	2	17	3

CONFIRMATION NO. 2357

27569  
 PAUL AND PAUL  
 2000 MARKET STREET  
 SUITE 2900  
 PHILADELPHIA, PA 19103



FILING RECEIPT



\*OC000000020050002\*

Date Mailed: 08/17/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Jozsefne Karger-Kocsis, Kaiserslautern, GERMANY;

Tapio Harmia

**Power of Attorney:** The patent practitioners associated with Customer Number 27569.**Domestic Priority data as claimed by applicant**

This application is a 371 of PCT/EP04/52189 09/15/2004

**Foreign Applications**

GERMANY 103485481 10/20/2003

If Required, Foreign Filing License Granted: 08/16/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/576,404**

**Projected Publication Date:** 11/23/2006**Non-Publication Request:** No**Early Publication Request:** No**\*\* SMALL ENTITY \*\***

**Title.**

~~Extrusion method for the production of strength-modified and phyllosilicate-reinforced thermoplastic systems~~  
 Extrusion Process for the Preparation of Toughness-Modified  
 And Layered Silicate-Reinforced Thermoplastic System

**Preliminary Class**

524

## PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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### LICENSE FOR FOREIGN FILING UNDER

#### Title 35, United States Code, Section 184

#### Title 37, Code of Federal Regulations, 5.11 & 5.15

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

#### **NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



Attorney Doc.: 080-06

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **Extrusion Process for the Preparation of Toughness-Modified and Layered Silicate-Reinforced Thermoplastic Systems**, which is based on PCT/EP2004/052189, dated September 15, 2004, which in turn is based on German priority No.103 48 548.1, dated October 20, 2003, the specification of which is attached hereto.

was filed on                      as application Serial No.                      and was  
amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 and/or §371 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

***Prior Foreign Application(s)***

***Priority Claimed***

<u>PCT/EP2004/052189</u> (Number)	<u>International</u> (Country)	<u>15/09/2004</u> (Day/Month/Year Filed)	<u>XX</u> Yes	<u>    </u> No
<u>103 48 548.1</u> (Number)	<u>Germany</u> (Country)	<u>20/10/2003</u> (Day/Month/Year Filed)	<u>XX</u> Yes	<u>    </u> No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the

first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of the application:

<u>                    </u> (Application Serial No.)	<u>                    </u> (Filing Date)	(Status) (patent, pending, abandoned)
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<u>                    </u> (Application Serial No.)	<u>                    </u> (Filing Date)	(Status) (patent, pending, abandoned)
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I hereby appoint practitioners associated with the Customer Number 27569 as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Address all telephone calls to John F. McNulty at (215) 568-4900.

Address all correspondence to John F. McNulty at Paul & Paul, 2900 Two Thousand Market Street, Philadelphia, Pennsylvania 19103.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Full name of sole or first inventor**  
**József Karger-Kocsis**

Residence: Balbierstrasse 4, 67663 Kaiserslautern, GERMANY  
Citizenship: ~~German~~ *HUNGARIAN*  
Post Office: Address: Balbierstrasse 4, 67663 Kaiserslautern, GERMANY

Inventor signature *József Karger-Kocsis* Date *17.04.06*

**Full name of second joint inventor**

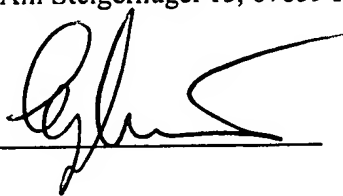
**Tapio Harmia**

Residence: Am Steigerhugel 15, 67659 Kaiserslautern, GERMANY

Citizenship: German

Post Office Address: Am Steigerhugel 15, 67659 Kaiserslautern, GERMANY

Inventor signature

A handwritten signature in black ink, appearing to be 'Tapio Harmia', written over a horizontal line.

Date

12.4. 2006





UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
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 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/576,404	Jozsefne Karger-Kocsis	08006

INTERNATIONAL APPLICATION NO.
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PCT/EP04/52189

I.A. FILING DATE	PRIORITY DATE
09/15/2004	10/20/2003

27569  
 PAUL AND PAUL  
 2000 MARKET STREET  
 SUITE 2900  
 PHILADELPHIA, PA 19103

CONFIRMATION NO. 2357

371 ACCEPTANCE LETTER



\*OC000000020050003\*

Date Mailed: 08/17/2006

### NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

<u>04/20/2006</u>	<u>04/20/2006</u>
DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and (c)(4) REQUIREMENTS	DATE OF COMPLETION OF ALL 35 U.S.C. 371 REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE " FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 (c)(1), (c)(2) and (c)(4) REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE.** The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- Indication of Small Entity Status
- Copy of the International Application filed on 04/20/2006
- Copy of the International Search Report filed on 04/20/2006
- Preliminary Amendments filed on 04/20/2006
- Information Disclosure Statements filed on 06/26/2006
- Oath or Declaration filed on 04/20/2006
- Small Entity Statement filed on 04/20/2006
- Request for Immediate Examination filed on 04/20/2006
- U.S. Basic National Fees filed on 04/20/2006
- Priority Documents filed on 04/20/2006
- Specification filed on 04/20/2006

- Claims filed on 04/20/2006
- Abstracts filed on 04/20/2006
- Drawings filed on 04/20/2006

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Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

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PATRICIA A BOOKER  
Telephone: (703) 308-9140 EXT 204

PART 1 - ATTORNEY/APPLICANT COPY

FORM PCT/DO/EO/903 (371 Acceptance Notice)